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Title: **JP07077608A2: POLARIZING PLATE**  
 Derwent Title: Polarisation plate with good humidity and heat resistance(s) - having protection film on one face of PVA film. [\[Derwent Record\]](#)

Country: **JP Japan**  
 Kind: **A**

Inventor: **KITAMURA SHUICHI;**  
**KATO KUNIYASU;**

Assignee: **NIPPON SYNTHETIC CHEM IND CO LTD:THE**  
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Published / Filed: **1995-03-20 / 1993-09-07**

Application Number: **JP1993000247452**  
 IPC Code: **IPC-7: G02B 5/30;**

Priority Number: **1993-09-07 JP1993000247452**

Abstract: PURPOSE: To provide the polarizing plate which has excellent wet heat resistance at a high temp. and maintains a high degree of polarization and the high transmittance of the plate alone even when the polarizing plate is used under severe conditions, such as applications in vehicles and various kinds of industrial instruments.

CONSTITUTION: This polarizing plate is formed by sticking a protective film to at least one surface of a polyvinyl alcohol film imparted with polarization performance by adsorption orientation of iodine or dichromatic dyes. The degree of polarization of the polarizing plate after resting for 500 hours at 80°C and 90% RH is  $\geq 95\%$  and the transmittance of the polarizing plate alone is  $\geq 38\%$ .

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Family: None

Forward References:

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PDF	Patent	Pub.Date	Inventor	Assignee	Title
	<a href="#">US6985292</a>	2006-01-10	Ishii; Yoshinori	Gunze Co., Ltd.	Polarizing plate and display containing the
	<a href="#">US6840635</a>	2005-01-11	Maeda; Hiroe	Nitto Denko Corporation	Polarizer and method for the same
	<a href="#">US6726995</a>	2004-04-27	Ishii; Yoshinori	Gunze Co., LTD	Polarizing plate

Other Abstract Info:

[DERABS C95-152096](#) [DERC95-152096](#)